

-continued

180	185	190
Asn Ile Thr Ile Lys Leu Thr Asp Lys Gly Asn Ile Gln Ile Trp Leu 195 200 205		
Pro Gln Phe Lys Ser Asp Ala Arg Val Asp Leu Asn Leu Arg Pro Thr 210 215 220		
Gly Gly Gly Thr Tyr Ile Gly Arg Asn Ser Val Asp Met Cys Phe Tyr 225 230 235 240		
Asp Gly Tyr Ser Thr Asn Ser Ser Ser Leu Glu Ile Arg Phe Gln Asp 245 250 255		
Asn Asn Pro Lys Ser Asp Gly Lys Phe Tyr Leu Arg Lys Ile Asn Asp 260 265 270		
Asp Thr Lys Glu Ile Ala Tyr Thr Leu Ser Leu Leu Ala Gly Lys 275 280 285		
Ser Leu Thr Pro Thr Asn Gly Thr Ser Leu Asn Ile Ala Asp Ala Ala 290 295 300		
Ser Leu Glu Thr Asn Trp Asn Arg Ile Thr Ala Val Thr Met Pro Glu 305 310 315 320		
Ile Ser Val Pro Val Leu Cys Trp Pro Gly Arg Leu Gln Leu Asp Ala 325 330 335		
Lys Val Glu Asn Pro Glu Ala Gly Gln Tyr Met Gly Asn Ile Asn Val 340 345 350		
Thr Phe Thr Pro Ser Ser Gln Thr Leu 355 360		

<210> SEQ ID NO 11  
 <211> LENGTH: 29  
 <212> TYPE: DNA  
 <213> ORGANISM: Artificial Sequence  
 <220> FEATURE:  
 <223> OTHER INFORMATION: PCR Primer

<400> SEQUENCE: 11

gttgacccta caattgatat ttgcaagc

29

<210> SEQ ID NO 12  
 <211> LENGTH: 30  
 <212> TYPE: DNA  
 <213> ORGANISM: Artificial Sequence  
 <220> FEATURE:  
 <223> OTHER INFORMATION: PCR Primer

<400> SEQUENCE: 12

cgaccccaact ataattcccg ccgttggtgc

30

<210> SEQ ID NO 13  
 <211> LENGTH: 30  
 <212> TYPE: DNA  
 <213> ORGANISM: Artificial Sequence  
 <220> FEATURE:  
 <223> OTHER INFORMATION: PCR Primer

<400> SEQUENCE: 13

gtgatatggt ttgttcactt ggtaaagatc

30

<210> SEQ ID NO 14  
 <211> LENGTH: 36  
 <212> TYPE: DNA  
 <213> ORGANISM: Artificial Sequence

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225	230	235	240	
gat gga tat agt act aac agc agc tct ttg gag ata aga ttt cag gat				768
Asp Gly Tyr Ser Thr Asn Ser Ser Ser Leu Glu Ile Arg Phe Gln Asp				
245		250	255	
aac aat cct aaa tct gat ggg aaa ttt tat cta agg aaa ata aat gat				816
Asn Asn Pro Lys Ser Asp Gly Lys Phe Tyr Leu Arg Lys Ile Asn Asp				
260	265	270		
gac acc aaa gaa att gca tat act ttg tca ctt ctc ttg gcg ggt aaa				864
Asp Thr Lys Glu Ile Ala Tyr Thr Leu Ser Leu Leu Leu Ala Gly Lys				
275	280	285		
agt tta act cca aca aat gga acg tca tta aat att gct gac gca gct				912
Ser Leu Thr Pro Thr Asn Gly Thr Ser Leu Asn Ile Ala Asp Ala Ala				
290	295	300		
tct ctg gaa aca aac tgg aat aga att aca gct gtc acc atg cca gaa				960
Ser Leu Glu Thr Asn Trp Asn Arg Ile Thr Ala Val Thr Met Pro Glu				
305	310	315	320	
atc agt gtt ccg gtg ttg tgt tgg cct gga cgt ttg caa ttg gat gca				1008
Ile Ser Val Pro Val Leu Cys Trp Pro Gly Arg Leu Gln Leu Asp Ala				
325	330	335		
aaa gtg gaa aat ccc gag gct gga caa tat atg ggt aat att aat gtt				1056
Lys Val Glu Asn Pro Glu Ala Gly Gln Tyr Met Gly Asn Ile Asn Val				
340	345	350		
act ttc aca cca agt agt caa aca ctc tag				1086
Thr Phe Thr Pro Ser Ser Gln Thr Leu *				
355	360			

&lt;210&gt; SEQ ID NO 10

&lt;211&gt; LENGTH: 361

&lt;212&gt; TYPE: PRT

&lt;213&gt; ORGANISM: E. coli

&lt;400&gt; SEQUENCE: 10

Th-

Met Asn Lys Ile Leu Phe Ile Phe Thr Leu Phe Phe Ser Ser Val Leu			
1	5	10	15
Phe Thr Phe Ala Val Ser Ala Asp Lys Ile Pro Gly Asp Glu Ser Ile			
20	25	30	
Thr Asn Ile Phe Gly Pro Arg Asp Arg Asn Glu Ser Ser Pro Lys His			
35	40	45	
Asn Ile Leu Asn Asn His Ile Thr Ala Tyr Ser Glu Ser His Thr Leu			
50	55	60	
Tyr Asp Arg Met Thr Phe Leu Cys Leu Ser Ser His Asn Thr Leu Asn			
65	70	75	80
Gly Ala Cys Pro Thr Ser Glu Asn Pro Ser Ser Ser Ser Val Ser Gly			
85	90	95	
Glu Thr Asn <del>111</del> Ile Thr Leu Gln Phe Thr Glu Lys Arg Ser Leu Ile Lys			
100	105	110	
Arg Glu Leu Gln Ile Lys Gly Tyr Lys Gln Leu Leu Phe Lys Ser Val			
115	120	125	
Asn Cys Pro Ser Gly Leu Thr Leu Asn Ser Ala His Phe Asn Cys Asn			
130	135	140	
Lys Asn Ala Ala Ser Gly Ala Ser Leu Tyr Leu Tyr Ile Pro Ala Gly			
145	150	155	160
Glu Leu Lys Asn Leu Pro Phe Gly Gly Ile Trp Asp Ala Thr Leu Lys			
165	170	175	
Leu Arg Val Lys Arg Arg Tyr Ser Glu Thr Tyr Gly Thr Tyr Thr Ile			